

ECS/EMD Configuration Change Request

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1. Originator Prashanth Acharya	2. Log Date: 09/23/04	3. CCR #: 04-0497	4. Rev: —	5. Tel: (301)9250760	6. Rm #: 3035G	7. Org. Dev
8. CCR Title: Automount junit, httpunit and mockrunner on sun machines and the DOWS host in the EDF						
9. Originator Signature/Date Prashanth Acharya /s/ 9/9/04			10. Class IN	11. Type: CCR	12. Need Date: 10/04/2004	
13. CCR Sponsor Signature/Date Timothy W. Ortiz /s/ 9/9/04			14. Category of Change: EDF/Infrastructure		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist):			17. Schedule Impact: yes		18. CI(s) Affected:	
19. Release Affected by this Change: Synergy V		20. Date due to Customer: n/a		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: Synergy V Development plan						
23. Problem: (use additional Sheets if necessary) During maintenance, often a fix to one problem creates two other problems.						
24. Proposed Solution: (use additional sheets if necessary) It is proposed to try a new approach for development and maintenance of java code in Synergy V. Using junit, httpunit and mock objects, coding will be done with testing in mind. The suite of unit tests will be done with the build. Hence it is proposed to automount these three free softwares across all the sun machines so that it can be used in the build machines and test machines for Synergy V.						
25. Alternate Solution: (use additional sheets if necessary) None available						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) brittle code; breaks during mainainence						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. SCDV CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. EDF CCB Chair (Sign/Date): Darryl Washington /s/ 9/23/04			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: 04-0497 **Rev:** — **Originator:** Prashanth Acharya

Telephone: 0760 **Office:** 3035G

Title of Change: Automount junit, httpunit and mockrunner on sun machines and the DOWS host in the EDF

Reason for priority:
Synergy V is on an aggressive schedule and has a wide scope. Delays in implementing this will cause schedule slips.

Zip file information

FILE	SIZE	CHECKSUM
junit3.8.1.zip	441665	3008233695
mockrunner-0.2.9.zip	3329461	3428738735
httpunit-1.5.4.zip	2655982	2320960066

Install instructions:

1. Create /tools/javatest
2. Copy junit3.8.1.zip, mockrunner-0.2.9.zip and httpunit-1.5.4.zip into /tools/javatest
3. Unzip all the three zip files
4. Remove junit3.8.1.zip, mockrunner-0.2.9.zip and httpunit-1.5.4.zip
5. Automount /tools/javatest on all sun machines and the DOWS host in the EDF.